



RECEIVED

JUL -8 2002

500
Amend/term
P Chapman
PATENT 7-1002
37310-000132/US

TC 3700 MAIL ROOM
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: BARBER et al. Confirmation No.: 8152
Serial No.: 09/497,993 Group: 3729
Filed: February 4, 2000 Examiner: A. Tugbang
For: METHOD OF ISOLATION FOR ACOUSTIC RESONATOR DEVICES

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

June 26, 2002

Dear Sir:

In reply to the Office Action dated March 13, 2002, the due date for reply having been extended one (1) month to July 13, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE CLAIMS:

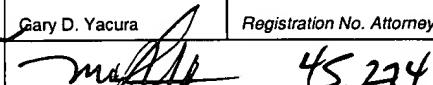
Please amend the claims as follows:

- C. Subj* 1. A method of producing an acoustic resonator device, comprising:
U depositing a first metal film on a substrate;
depositing piezoelectric material on said first metal film;
depositing a second metal film on said piezoelectric material; and

Under the Paperwork Reduction Act of 1995, persons are required to respond to a collection of information only if it displays a valid OMB control number.

 <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2002</h2>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>09/497,993</td> </tr> <tr> <td>Filing Date</td> <td>February 4, 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>BARBER et al.</td> </tr> <tr> <td>Examiner Name</td> <td>A. TUGBANG</td> </tr> <tr> <td>Group / Art Unit</td> <td>3729</td> </tr> <tr> <td>Attorney Docket No.</td> <td>37310-000132/US</td> </tr> </table>		Application Number	09/497,993	Filing Date	February 4, 2002	First Named Inventor	BARBER et al.	Examiner Name	A. TUGBANG	Group / Art Unit	3729	Attorney Docket No.	37310-000132/US
Application Number	09/497,993														
Filing Date	February 4, 2002														
First Named Inventor	BARBER et al.														
Examiner Name	A. TUGBANG														
Group / Art Unit	3729														
Attorney Docket No.	37310-000132/US														
TOTAL AMOUNT OF PAYMENT (\$ 110)															

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)																																																																																																																																																																																																																																										
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None					3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Fee Code</th> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td></td><td>SurchARGE - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td></td><td>SurchARGE - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td></td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td></td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td></td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td></td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td></td><td>Extension for reply within first month</td><td>110</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td></td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td></td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td></td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td></td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td></td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td></td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td></td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td></td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td></td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td></td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td></td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td></td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td></td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td></td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td></td><td>Processing fee under 37 CFR 1.17 (q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td></td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td></td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td></td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td></td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td></td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td></td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="7" style="text-align: center; padding: 10px;">Other fee (specify) _____</td> </tr> <tr> <td colspan="7" style="text-align: center; padding: 5px;">*Reduced by Basic Filing Fee Paid</td> <td style="text-align: right; padding: 5px;">SUBTOTAL (3) (\$ 110)</td> </tr> <tr> <td colspan="7" style="text-align: center; padding: 5px;">**or number previously paid, if greater; For Reissues, see above</td> <td></td> </tr> </tbody> </table>					Fee Code	Large Entity		Small Entity		Fee Description	Fee Paid	Fee (\$)	Fee Code	Fee (\$)	Fee Code	105	130	205	65		SurchARGE - late filing fee or oath		127	50	227	25		SurchARGE - late provisional filing fee or cover sheet		139	130	139	130		Non-English specification		147	2,520	147	2,520		For filing a request for reexamination		112	920*	112	920*		Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action		115	110	215	55		Extension for reply within first month	110	116	400	216	200		Extension for reply within second month		117	920	217	460		Extension for reply within third month		118	1,440	218	720		Extension for reply within fourth month		128	1,960	228	980		Extension for reply within fifth month		119	320	219	160		Notice of Appeal		120	320	220	160		Filing a brief in support of an appeal		121	280	221	140		Request for oral hearing		138	1,510	138	1,510		Petition to institute a public use proceeding		140	110	240	55		Petition to revive - unavoidable		141	1,280	241	640		Petition to revive - unintentional		142	1,280	242	640		Utility issue fee (or reissue)		143	460	243	230		Design issue fee		144	620	244	310		Plant issue fee		122	130	122	130		Petitions to the Commissioner		123	50	123	50		Processing fee under 37 CFR 1.17 (q)		126	180	126	180		Submission of Information Disclosure Stmt		581	40	581	40		Recording each patent assignment per property (times number of properties)		146	740	246	370		Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370		Request for Continued Examination (RCE)		169	900	169	900		Request for expedited examination of a design application		Other fee (specify) _____							*Reduced by Basic Filing Fee Paid							SUBTOTAL (3) (\$ 110)	**or number previously paid, if greater; For Reissues, see above							
Fee Code	Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																									
	Fee (\$)	Fee Code	Fee (\$)	Fee Code																																																																																																																																																																																																																																											
105	130	205	65		SurchARGE - late filing fee or oath																																																																																																																																																																																																																																										
127	50	227	25		SurchARGE - late provisional filing fee or cover sheet																																																																																																																																																																																																																																										
139	130	139	130		Non-English specification																																																																																																																																																																																																																																										
147	2,520	147	2,520		For filing a request for reexamination																																																																																																																																																																																																																																										
112	920*	112	920*		Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																										
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																										
115	110	215	55		Extension for reply within first month	110																																																																																																																																																																																																																																									
116	400	216	200		Extension for reply within second month																																																																																																																																																																																																																																										
117	920	217	460		Extension for reply within third month																																																																																																																																																																																																																																										
118	1,440	218	720		Extension for reply within fourth month																																																																																																																																																																																																																																										
128	1,960	228	980		Extension for reply within fifth month																																																																																																																																																																																																																																										
119	320	219	160		Notice of Appeal																																																																																																																																																																																																																																										
120	320	220	160		Filing a brief in support of an appeal																																																																																																																																																																																																																																										
121	280	221	140		Request for oral hearing																																																																																																																																																																																																																																										
138	1,510	138	1,510		Petition to institute a public use proceeding																																																																																																																																																																																																																																										
140	110	240	55		Petition to revive - unavoidable																																																																																																																																																																																																																																										
141	1,280	241	640		Petition to revive - unintentional																																																																																																																																																																																																																																										
142	1,280	242	640		Utility issue fee (or reissue)																																																																																																																																																																																																																																										
143	460	243	230		Design issue fee																																																																																																																																																																																																																																										
144	620	244	310		Plant issue fee																																																																																																																																																																																																																																										
122	130	122	130		Petitions to the Commissioner																																																																																																																																																																																																																																										
123	50	123	50		Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																																																																																										
126	180	126	180		Submission of Information Disclosure Stmt																																																																																																																																																																																																																																										
581	40	581	40		Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																										
146	740	246	370		Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																										
149	740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																										
179	740	279	370		Request for Continued Examination (RCE)																																																																																																																																																																																																																																										
169	900	169	900		Request for expedited examination of a design application																																																																																																																																																																																																																																										
Other fee (specify) _____																																																																																																																																																																																																																																															
*Reduced by Basic Filing Fee Paid							SUBTOTAL (3) (\$ 110)																																																																																																																																																																																																																																								
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																																																																															

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Gary D. Yacura	Registration No. Attorney/Agent)	35,416	Telephone	703-390-3030
Signature				Date	June 26, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.